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Atlas Wire Corporation
Registered to ISO9001 and TS16949
Schiller Park, IL 60176
Reference No. 10000854
Tucson, AZ 85714
Reference No. 10003647

MATERIAL SPECIFICATION SHEET

#24 SOLID TC .017" PVC

RoHS COMPLIANT

**MIL SPEC MIL-W-16878/2 TYPE C 105C – 1,000V OR
MIL-W-76D TYPE MWP 90C – 1,000V**

CONDUCTOR: #24 SOLID TINNED COPPER
NOMINAL O.D. .0201"
APPROXIMATE CIRCULAR MILL AREA 404
WEIGHT PER THOUSAND FEET 1.25#
BASIC SPECIFICATION ASTM B 33

PVC:
TEMPERATURE RATING TYPE C 105c
VOLTAGE RATING 1000 VOLTS
FINISHED OD .054"
ELONGATION 300% AVERAGE
TENSILE STRENGTH 3000 PSI AVERAGE
SPECIFIC GRAVITY 1.34
DUROMETER (SHORE) 47 (D)
OXYGEN INDEX 25
BRITTLE POINT -55c
SPARK TESTED 7,100 VOLTS
WEIGHT PER THOUSAND FEET 2.43#

REVISION: M1L-W-16878E/2 - NO PRINTING REQUIRED*
M1L-W-16878G/2 - PRINT REQUIRED*

* OUR STANDARD IS UNPRINTED, IF PRINTING IS REQUIRED
PLEASE CALL THAT OUT AT TIME OF ORDER.

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